

## **RECTANGULAR POWER CONNECTORS**















**PRODUCT DRAWING** 



3D PDF

## TE CONNECTIVITY (TE) 4P VAL-U-LOK R/A HDR V2

VAL-U-LOK | VAL-U-LOK

1586041-4

TE Internal Number: 1586041-4

Always EU RoHS/ELV Compliant

Product Type **Header** 

Housing Type Plug

Connector System Wire-to-Board

Applies To Printed Circuit Board

Contact Current Rating (A) 9

**Product Drawings** 

RIGHT ANGLE HEADER, WITHOUT PEGS VAL-U-LOK(TM)

PDF **English** 

**CAD Files** 

Customer View Model

3D IGS.ZIP

Customer View Model

3D\_STP.ZIP English

**Customer View Model** 

2D\_DXF.ZIP English

3D PDF

PDF English

Catalog Pages/Data Sheets

SOFT\_SHELL\_PIN\_AND\_SOCKET\_CONNECTORS\_CATALOG

PDF **English** 

**Product Specifications** 

**Product Specification VAL-U-LOK Connectors** 

PDF **English** 

Application Specification VAL-U-LOK Series Headers, Connectors And TPA Accessories

PDF **English** 

Please review product documents or contact us for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

**Product Type Features** Product Type Header

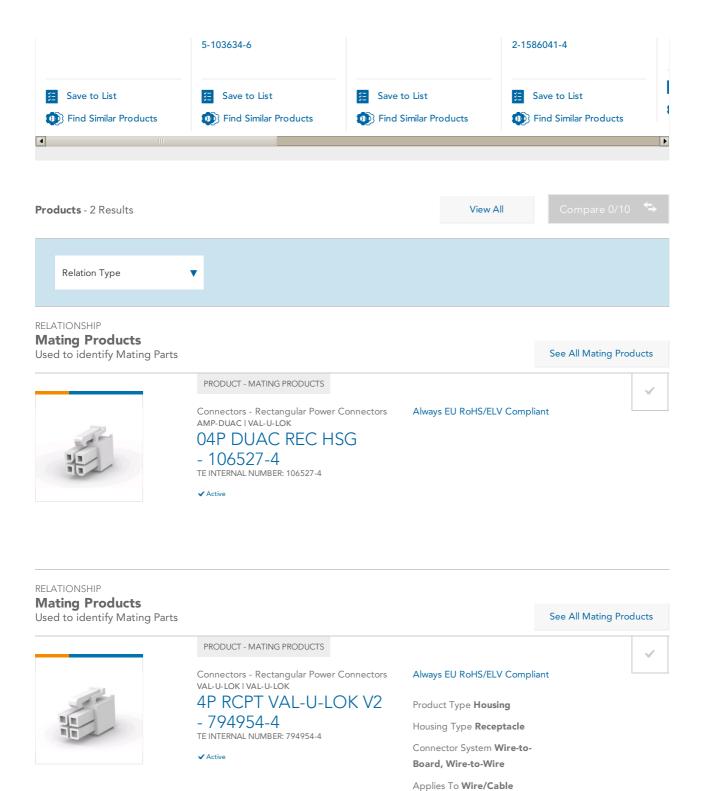
	Housing Type  Contact Type	Plug
	Header Type	Shrouded
Configuration Features	Number of Positions	4
	Centerline	4.2 mm [ .165 in ]
	PCB Mounting Orientation	Right Angle
	Number of Signal Positions	4
	Number of Rows	2
	Row-to-Row Spacing	4.2 mm [ .165 in ]
	Contact Layout	Inline, Matrix, Square Grid
Electrical Characteristics	Contact Current Rating (A)	9
	Operating Voltage (VAC)	600
Contact Features	Contact Retention	With
	Contact Termination Area Plating Material	Tin
Termination Features	Wire/Cable Size (AWG)	16 – 26
	Wire/Cable Size (mm²)	.12 – 1.4
	Termination Method to PC Board	Through Hole - Solder
	Termination Post/Tail Length	3.6 mm [ .14 in ]
Mechanical Attachment	Mating Alignment	With
	Mating Retention	With
	PCB Mount Retention	Without
	Mating Alignment Type	Keyed
	PCB Mount Alignment	Without
	Assembly Integration Feature	Without
	Mating Retention Type	Latch
Housing Features	UL Flammability Rating	UL 94V-2
	Housing Color	Natural
	Housing Material	Nylon
Dimensions	Accepts Wire Insulation Diameter Range	1.2 – 3.1 mm [ .047 – .122 in ]
	Width	13 mm [ .51 in ]

	Height	9.8 mm [ .386 in ]
	PCB Thickness (Recommended)	1.6 mm [ .063 in ]
	Length	9.6 mm [ .378 in ]
	Insulation Diameter (Max) (mm)	2.39
Usage Conditions	Sealed Condition	Not Sealed
Operation/Application	Connector System	Wire-to-Board
	Applies To	Printed Circuit Board
	Operating Temperature	-40 – 105 °C [-40 – 221 °F]
	Circuit Application	Signal
Identification Marking	Circuit Identification Feature	With
Industry Standards	Glow Wire Rating	Standard Part - Not Glow Wire
	VDE Tested	No
	Agency/Standard Number	E28476
	UL Rating	Recognized
	CSA File Number	208567
	Agency/Standard	CSA, UL
Packaging Features	Packaging Method	Tray, Tray/Box
	Packaging Quantity	400
Other	Selectively Loaded	No
Product Compliance	Statement of Compliance	

## **CUSTOMERS ALSO BOUGHT**



VIEW ALL PRODUCT COMPLIANCE



Number of Positions 4